

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: CXU-316-CON	Serial Number: Not Yet Assigned
	Applicant: Stephen Massia, et al.	
	Filing Date: Herewith Confirmation No: Not Yet Assigned	Group Art Unit: Unknown

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U.S. PATENT DOCUMENTS										
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
<i>SA</i>	della Valle, et al	4	9	5	7	7	4	4	09/1990	2
	Slepian, et al	5	2	1	3	5	8	0	05/1993	2
	Hubbell, et al	5	4	1	0	0	1	6	04/1995	2
	Matsuda, et al	5	4	6	2	9	7	6	10/1995	2
	Matsuda, et al	5	5	9	3	8	1	4	01/1997	2
	Roth, et al	5	6	6	5	0	6	3	09/1997	2
	Matsuda, et al	5	7	6	3	5	0	4	06/1998	2
	Valentini, et al.	5	9	3	9	3	2	3	08/1999	2
	Sawhney, et al.	6	0	8	3	5	2	4	07/2000	2
	Chudzik, et al.	6	4	1	0	0	4	4	06/2002	2
<i>SA</i>	Massia, et al.	6	5	8	6	4	9	3	07/2003	2

FOREIGN PATENT DOCUMENTS														
EXAMINER INITIALS		COUNTRY	DOCUMENT NUMBER							PUBLICATION DATE	TRANSLATION			COPY NOTE
											YES	NO	N/A	
SA		WO	8	7	0	7	8	9	8	12/30/1987			X	2
SA		WO	9	0	0	6	7	6	7	06/28/1990			X	2

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EXAMINER INITIALS	OTHER DOCUMENTS		COPY NOTE
	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication		
<i>SA</i>	Moghaddam & Matsuda, "Molecular Design of Three-Dimensional Artificial Extracellular Matrix: Photosensitive Polymers Containing Cell Adhesive Peptide," <i>J. Polymer Science</i> , Vol. 31, pp. 1589-1597	1993, United States	2
<i>SA</i>	Matsuda et al, "Photoinduced Prevention of Tissue Adhesion," <i>ASAIO Journal</i> , 1992, pp. M154-M157	1992, United States	2

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6/6	✓	Kito et al, "Differentiated Biocompatible Design of Luminal and Outer Graft Surfaces," "Photocurable Extracellular Matrices, Fabrication, and Cellular Response," <i>ASAIO Journal</i> , 1993, pp. M506-M509	1993, United States	2
	✓	Yong et al, "Facile and Efficient Guanylation of Amines using Thioureas and Mukaiyama's Reagent," <i>J Org. Chem.</i> , 1997, 62, pp. 1540-1542	1997, United States	2
	✓	Tomihata and Ikada, "Crosslinking of hyaluronic acid with water-soluble carbodiimide," <i>J. Biomed. Mater. Res.</i> , Vol. 37, pp. 243-251	1997, United States	2
	✓	Thermes et al, "Mucoadhesion of Copolymers and Mixtures Containing Polyacrylic Acid," <i>Pharmaceutical Research</i> , Vol. 9, pp. 1563-1567	Nov. 12, 1992, United States	2
	✓	McCormick and Lin, "Water-soluble Copolymers. II. Synthesis and Characterization of Model Dextran-g-Acrylamides by Ce(IV)/HNO ₃ -Induced Initiation," <i>J. Macromol. Sci.-Chem.</i> , A16(8) pp. 1441-1462	1981, United States	2
	✓	Hill-West et al, "Inhibition of thrombosis and intimal thickening by <i>in situ</i> photopolymerization of thin hydrogel barriers," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 5967-5971	June, 1994 United States	2
	✓	Dumanian et al, "A New Photopolymerizable Blood Vessel Glue that Seals Human Vessel Anastomoses Without Augmenting Thrombogenicity," <i>Plast. Reconstr. Surg.</i> 95: pp. 901-907	1995, United States	2
	✓	West and Hubbell, "Comparison of covalently and physically cross-linked polyethylene glycol-based hydrogels for the prevention of postoperative adhesions in a rat model," <i>Biomaterials</i> 1995, Vol. 16, No. 15, pp. 1153-1156	1995, United States	2
	✓	Hern and Hubbell, "Incorporation of adhesion peptides into nonadhesive hydrogels useful for tissue resurfacing," <i>J. Biomed. Mater. Res.</i> , Vol. 39, pp. 266-276	1998, United States	2
	✓	Guschin, "Manual Manufacturing of Oligonucleotide, DNA, and Protein Microchips," <i>Analytical Biochemistry</i> , Vol. 250, pp. 203-211	1997, United States	2
	✓	Lyubimova et al, "Photopolymerization of polyacrylamide gels with methylene blue," <i>Electrophoresis</i> , Vol. 14, pp. 40-50	1993, Germany	2
	✓	Bellobono et al, "Photochemical conjugation and mammalian cells to polymeric supports and membranes: A kinetic study," <i>J. of Biomed. Mater. Res.</i> , Vol. 28, pp. 1157-1163	1994, United States	2
	✓	Hill-West et al, "Efficacy of a resorbable hydrogel barrier, oxidized regenerated cellulose, and hyaluronic acid in the prevention of ovarian adhesions in a rabbit model," <i>Fertility and Sterility</i> , Vol. 62, No. 3, pp. 630-634	September, 1994; United States	2
	✓	Santin et al, "Synthesis and characterization of a new interpenetrated poly (2-hydroxyethylmethacrylate)-gelatin composite polymer," <i>Biomaterials</i> , Vol. 17, pp. 1459-1467	1996, Great Britain	2
5/1	✓	Pol, et al, "In vivo testing of crosslinked polyethers. I. Tissue reactions and biodegradation," <i>J. Biomed. Mater. Res.</i> , Vol. 32, pp. 307-320	1996, United States	2

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✓	Pol et al, "In vivo testing of crosslinked polyethers. II. Weight loss, IR analysis, and swelling behavior after implantation," <i>J. Biomed. Mats. Res.</i> , Vol. 32, pp. 321-331	1996, United States	2
✓	Sanchez-Chaaves and Arranz, "Preparation of dextran-bioactive compound adducts by the direct esterification of dextran with bioactive carboxylic acids," <i>Polymer</i> , Vol. 38, No. 10, pp. 2501-2505	1997, Great Britain	2
✓	Giammona et al., "A Hydrogel Based on a Polyaspartamide: Characterization and Evaluation of In-vivo Biocompatibility and Drug Release in the Rat," <i>J. Pharm. Pharmacol.</i> , Vol. 49, pp. 1051-1056	1997, United States	2
✓	Abatangelo, et al, "Biocompatibility and enzymatic degradation studies on sulphated hyaluronic acid derivatives," <i>Biomaterials</i> , Vol. 18, No. 21, pp. 1411-1415	1997, Great Britain	2
✓	Payan, et al, "Hyaluronidase Degradation of Hyaluronic Acid From Different Sources: Influence of the Hydrolysis Conditions on the Production and the Relative Proportions of Tetra- and Hexasaccharide Produced," <i>Int. J. Biochem.</i> , Vol. 25, No. 3, pp. 325-329	1993, Great Britain	2
✓	Cohen, et al, "Novel Approaches to Controlled-Release Antigen Delivery," <i>Intl. J. of Tech. Assess. in Health Care</i> , Vol. 10, No. 1, pp. 121-130	1994, United States	2
✓	Cheng, et al, "Development of an Azopolymer Based Colonic Release Capsule for Delivering Proteins/Macromolecules," <i>Meth. Find Exp. Clin. Pharmacol.</i> , Vol. 16, No. 4, pp. 271-278	1994, United States	2
✓	Zhong et al, "Biodegradation of hyaluronic acid derivatives by hyaluronidase," <i>Biomaterials</i> , Vol. 15, No. 5, pp. 359-365	1994, United States	2
✓	Fink and Lengfelder, "Hyaluronic Acid Degradation by Ascorbic Acid and Influence of Iron," <i>Free Rad. Res. Comm.</i> , Vol 3, No. 1-5, pp. 85-92	1987, Great Britain	2
✓	Dickinson et al, "Biodegradation of a poly(α -amino acid) hydrogel. I. In vivo," <i>J. Biomed. Mats. Res.</i> , Vol. 15, pp. 577-589	1981, United States	2
✓	West et al, "Angiogenesis Induced by Degradation Products of Hyaluronic Acid," <i>Science</i> , Vol. 228, pp. 1324-1326	1985, United States	2
✓	Teijón et al, "Cytarabine trapping in poly (2-hydroxyethyl methacrylate) hydrogels: drug delivery studies," <i>Biomaterials</i> , Vol. 18, No. 5, pp. 383-388	1997, United States	2
✓	Kito et al, "Biocompatible coatings for luminal and outer surfaces of small-caliber artificial grafts," <i>J. Biomed. Mats. Res.</i> , Vol. 30, pp. 321-330	1996, United States	2
✓	van Dijk-Wolthuis et al, "Synthesis, Characterization, and Polymerization of Glycidyl Methacrylate Derivatized Dextran," <i>Macromolecules</i> , Vol. 28, pp. 6317-6322	1995, United States	2
✓	van Dijk-Wolthuis et al, "Degradation and Release Behavior of Dextran-Based Hydrogels," <i>Macromolecules</i> , Vol. 30, pp. 4639-4645	1997, United States	2
✓	Vercruyssen et al, "Synthesis and in Vitro Degradation of New Polyvalent Hydrazide Cross-Linked Hydrogels of Hyaluronic Acid," <i>Bioconjugate Chem.</i> , Vol. 8, pp. 686-694	1997, United States	2

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SA	✓	Pangburn and Roskos, "Development of enzymatically degradable protective coatings for use n triggered drug delivery systems: derivatized starch hydrogels," <i>Biomaterials</i> , Vol. 11, pp. 345-350	July, 1990, United States	2
	✓	Matsuda, et al, "Newly Designed Tissue Adhesion Prevention Technology Based on Photocurable Mucopolysaccharides," <i>ASAIO Journal</i> , Vol. 39, pp. M327-M331	1993, United States	2
	✓	Sawhney et al, "Interfacial photopolymerization of poly(ethylene glycol)-based hydrogels upon alginate-poly(L-lysine) microcapsules for enhanced biocompatibility," <i>Biomaterials</i> , Vol. 14, No. 13, pp. 1008-1016	1993, United States	2
	✓	Hossainy and Hubbell, "Molecular weight dependence of calcification of polyethylene glycol hydrogels," <i>Biomaterials</i> , Vol. 15, No. 11, pp. 921-925	1994, United States	2
	✓	Ghandehari et al, "In vitro degradation of pH-sensitive hydrogels containing aromatic azo bonds," <i>Biomaterials</i> , Vol. 18, No. 12, pp. 861-872	1997, United States	2
	✓	von Recum et al, "Degradation of polydispersed poly(L-lactic acid) to modulate lactic acid release," <i>Biomaterials</i> , Vol. 16, No. 6, pp. 441-446	1995, United States	2
	✓	Dickinson and Hiltner, "Biodegradation of a poly-(α-amino acid) hydrogel. II. In vitro," <i>J. Biomed. Mater. Res.</i> , Vol. 15, pp. 591-603	1981, United States	2
	✓	Hong et al, "Biodegradation in vitro and retention in the rabbit eye of crosslinked poly(1-vinyl-2-pyrrolidinone) hydrogel as a vitreous substitute," <i>J. Biomed. Mater. Res.</i> , Vol. 39, pp. 650-659	1998, United States	2
	✓	Sawhney et al, "Bioerodible Hydrogels Based on Photopolymerized Poly(ethylene glycol)-co-poly(α-hydroxy acid) Diacrylate Macromers," <i>Macromolecules</i> , Vol. 26, pp. 581-587	1993, United States	2
	✓	Kurisawa et al, "Double-stimuli-responsive degradation of hydrogels consisting of oligopeptide-terminated poly(ethylene glycol) and dextran with an interpenetrating polymer network," <i>J. Biomater. Sci. Polymer Edn.</i> , Vol. 8, No. 9, pp. 691-708	1997, United States	2
SA	✓	ISA/US, International Search Report, PCT/US02/07320, 2 pages	Washington, DC 07/15/02	2
EXAMINER		DATE CONSIDERED 4/14/06		
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